REVIEW OF MEDICAL AND VETERINARY MYCOLOGY

COMPILED FROM WORLD LITERATURE
ON MYCOSES OF MAN AND ANIMALS

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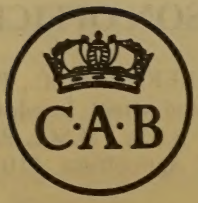
Volume 6



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ERRATA

VOLUME 6

No.	192,	line 1,	for 'COLES, E.N.' read 'COLES, E.H.'.
	234,	1,	for 'BOONE, C.L.' read 'BOONE, C.J.'
	257,	2,	for '*Am. Rev. Phytopath.*' read '*A. Rev. Phytopath.*'.
	301,	1,	for 'KOROVEVA' read 'KOROLEVA'.
	434,	1,	for 'HORIE, H.' read 'HORIE, K.'.
	527,	1,	for 'TOMŠÍLKOVÁ' read 'TOMŠÍKOVÁ'.
	645,	2,	for '588-599' read '588-590'.
	840,	5,	for 'J.B.M. SMITH' read 'J.M.B. SMITH'.
	856,	1,	for 'NIELSON' read 'NIELSEN'.
	929,	3,	for '28' read '23'.
	982,	1,	for 'NIELSON' read 'NIELSEN'.
	1063,	1,	for 'NIELSON' read 'NIELSEN'.
	1150c,	1,	for 'HAUFSTEIN' read 'HAUSTEIN'.
	1232,	4,	after '*1966*,' insert '1'.
	1236,	4,	for '9-14' read '825-830'.
	1299,	5,	for '7-11' read '7-19'.
	1309,	5,	for '97-100' read '87-90'.
	1341,	2,	for 'dea' read 'des'.
	1495,	1,	after 'LEONA' insert '& HALLE, M.A.'.
	1496,	1,	for 'LASKOWNICA' read 'LASKOWNICKA'.
	1775,	1,	for '1960' read '1968'.
	1946,	3,	for '52' read '42'.
	1948,	1,	for 'DROUHET, M.E.' read 'DROUHET, E.'.
	2015,	2,	for '52' read '42'.
	2038,	2,	for '(12)' read '(13)'.
	2176,	1,	for 'SCHULZ' read 'SCHULTZ'.
	2205,	1,	for 'GEDEKE' read 'GEDEK'.
	2212,	3,	for '37-49' read '27-35'.
	2342,	4,	for '4' read '40'.
	2395,	1,	for 'EVAN' read 'EVANS'.
	2428,	1,	for 'EMMANUEL' read 'EMANUEL'.
	2663,	2,	for '20(99)' read '99(20)'.
	2761,	8,	for 'GOT' read 'glutamic oxalacetate transaminase'.
	2853,	1,	for 'ZIPROWSKI', read 'ZIPRKOWSKI'.
	2856,	2,	for 'dermatophytes' read 'dermatophytoses'.
	2998,	2,	for '9' read '11'.
	3357,	1,	for 'issues' read 'status'.

REVIEW OF MEDICAL AND VETERINARY MYCOLOGY

These notes are intended to assist users of the *Review of Medical and Veterinary Mycology*.

The primary object of this *Review* is to provide a quarterly survey of the more important recent world literature on diseases of man and farm, domesticated, and wild animals (including fish and some large invertebrates but excluding insects) caused by fungi and actinomycetes; their aetiology, symptomatology, epidemiology, and therapy. Allergic disorders of man and animals associated with fungi are also covered as are poisoning of man and animals by fungi or mould-contaminated feed.

Some 200 serial periodicals, including other abstracting journals, are examined regularly, but many others, together with miscellaneous publications and books, are also scanned. The material abstracted is carefully selected. An effort is made to abstract new data and to omit previously published information and well-known facts. Some background papers are noticed by brief 'directory notices'. Taxonomic papers are listed in the Institute's half-yearly *Bibliography of Systematic Mycology*, new generic and specific names of fungi being compiled in the *Index of Fungi*.

In order to notice new work as soon as possible, early results are sometimes taken from the summaries in annual reports and other official publications; subsequent, more detailed, publication of the same results in journals can then be treated more briefly. Back references to this *Review* (quoted [**5**, 123]=*Rev. med. vet. Mycol.*, vol. **5**, abstract no. 123) are given to link related publications and also to enable further details to be traced quickly.

When consulting an entry the reader should always remember that the title is an integral part of the abstract and may include data necessary for its full comprehension.

In a typical title the name(s) of the author(s) (initials only for men; one forename in full for women) are followed by the date of publication and then by the title of the publication or paper in bold face type in the original language, except for Japanese, Chinese, Arabic, etc. Cyrillic characters are transliterated according to the British Standards System (see p. iv). An English translation follows in square brackets with (if any) the names of the pathogens adjusted to those used in the *Review*, which are kept in line with the International Codes of Botanical and Bacteriological Nomenclature and with current taxonomic opinion. It may be noted that, with at present the exception of dermatophytes, whenever the perfect state of a fungus is known and generally accepted, the name applied to this state is used, even if the paper abstracted refers only to the imperfect state (e.g. *Monosporium apiospermum* is referred to as the perfect state, *Allescheria boydii*). The fungus names recommended in current Medical Research Council, Memorandum No. 23, 'Nomenclature of Fungi Pathogenic to Man and Animals. Names recommended for use in Great Britain' are followed as closely as possible and the journal abbreviations are whenever possible those in the *World List of Scientific Periodicals*, 1963–65, and *BUCOP New Periodical Titles*, 1964, 1965, those of Russian journals not included in the *World List* being given in transliteration within square brackets. The volume number, part number in round brackets, and first and last page numbers of the article complete the basic citation. Supplementary details given in square brackets include the numbers of plates, figures, diagrams, graphs, maps and tables; the number of bibliographical references is stated for papers providing a useful literature review; a note of summary or summaries in languages other than that of the original, with an indication when such summaries are very detailed; and when possible, if not self-evident, the abbreviated address of the first author. The date of receipt by the Institute is usually given only when there seems to be doubt regarding the year of publication. The abstracts are arranged in an ever repeating series as indicated by page and section headings.

ARRANGEMENT OF ABSTRACTS

* REPORTS
BOOKS
GENERAL papers
TECHNIQUES
FUNGICIDES
ANTIBIOTICS
SEROLOGY (general papers or papers covering more than one mycosis)

ACTINOMYCOSES
Actinomycosis
Nocardiosis
Dermatophilus infections (Streptotrichosis, ' lumpy wool ', etc.)

DERMATOMYCOSES
Dermatophytoses (tinea)
Tinea nigra
Pityriasis versicolor

CHROMOMYCOSIS
Cladosporiosis

MYCETOMA (including mycetoma caused by *Nocardia* and *Streptomyces* but not *Actinomyces*)

ASPERGILLOSIS
CANDIDIASIS
CRYPTOCOCCOSIS
MISCELLANEOUS YEASTS
GEOTRICHOSIS
ADIASPIROMYCOSIS
COCCIDIOIDOMYCOSIS
HISTOPLASMOSIS
Epizootic lymphangitis
North AMERican BLASTOMYCOSIS
South AMERican BLASTOMYCOSIS
Cheloidal Blastomycosis
PHYCOMYCOSIS
RHINOSPORIDIOSIS
SPOROTRICHOSIS

MISCELLANEOUS MYCOSES (conditions which do not fit elsewhere, e.g. eye and ear infections, mycotic abortion, etc.)

ASTHMA & ALLERGY (including air spora)

POISONOUS FUNGI (including mycotoxicoses)

In general, infections of animals follow those of man.

* The entries in capitals are those used for page and section headings.

ABBREVIATIONS

Å	Ångström unit	°C.	degrees Centigrade
Abs.	Abstract(ed)	*c.*	circa (approx.)
abs.	absolute	C.	Centre, Central
Acad.	Academy	cc.	cubic centimetre(s)
Admin.	Administration	cf.	compare
Agric. (agric.)	Agriculture (Agricultural)	chapt.	chapter(s)
appl.	Applied	Chem. (chem.)	Chemistry (Chemical)
approx.	approximately	cm.	centimetre(s)
Ass.	Association	col.	coloured (as in col. pl.)
atm.	atmosphere(s) (of pressures, etc.)	Coll.	College
av.	average	Commw.	Commonwealth
Bact.(bact.)	Bacteriology (Bacteriological)	conc.	concentrated (concentration)
Biol.(biol.)	Biology (Biological)	const.	constant
Bot.(bot.)	Botany (Botanical)	cu.	cubic
b.p.	boiling point	D-	configuration of amino-acids and carbohydrates
B.P.	British Pharmacopoeia	Dept	Department
Brit.	British		

Derm. (derm.)	Dermatology (Dermatological)
diag.	diagram(s)
diam.	diameter, in diameter
Div.	Division
DNA	desoxyribonucleic acid
E.	east
Ed.	Edition
e.g.	for example
Exp.(exp.)	Experiment (Experimental)
°F.	degrees Fahrenheit
Fac.	Faculty
fam.	family
fig.	figure(s)
ft.	foot (feet)
g.	gram(s)
Gram +	Gram-positive
Gram −	Gram-negative
Gen.	General
gen.	genus
gen.nov.	new genus
gr.	grain(s)
Gynaecol. (gynaecol.)	Gynaecology (Gynaecological)
H. & E.	Haematoxylin and Eosin stain
Hosp.	Hospital
hr.	hour(s)
Hyg.	Hygiene
ibid.	the same
i.e.	that is
Immunol. (immunol.)	Immunology (Immunological)
in.	inch(es)
Inst.	Institute
Instn	Institution
I.U.	international units
kg.	kilogram(s)
km.	kilometre(s)
L-	configuration of amino-acids and carbohydrates
l.	litre(s)
Lab.	Laboratory
lb.	pound(s)
loc.cit.	place (already) cited
log.	logarithm
M	molar or molal (g.mol.)
m.	metre(s)
m-	*meta-* (of organic compounds)
max.	maximum
Med. (med.)	Medicine (Medical)
mg.	milligram
Microbiol. (microbiol.)	Microbiology (Microbiological)
Minist.	Ministry
min.	minimum; minute(s)
ml.	millilitre(s)
mm.	millimetre(s)
mol.	molecule, molecular
Mus.	Museum
mμ	millimicron
Mycol. (mycol.)	Mycology (Mycological)
N.	north
N	normal (of solutions)
Nat.	National
no.	number(s)
nov.	new (e.g. sp.nov., gen.nov.)
o-	*ortho-* (of organic compounds)
Ophthal. (ophthal.)	Ophthalmology (Ophthalmological)
opt.	optimum
oz.	ounce(s)
p., pp.	page, pages
p-	*para-* (of organic compounds)
P.A.S.	Periodic acid-Schiff stain
Path.(path.)	Pathology (Pathological)
pH	hydrogen-ion concentration
Pharm. (pharm.)	Pharmacy (Pharmaceutical)
Pharmacol. (pharmacol.)	Pharmacology (Pharmacological)
Physiol. (physiol.)	Physiology (Physiological)
Phytopath. (phytopath.)	Phytopathology (Phytopathological)
pl.	plate(s)
p.p.m.	parts per million
p.s.i.	(pounds) per square inch
q.v.	which see
r.	röntgen unit
ref.	reference(s)
Res.	Research
R.H.	relative humidity
RNA	ribonucleic acid
r.p.m.	revolutions per minute
S.	south
Sch.	School
Sci.(sci.)	Science(s) (Scientific)
S.D.	standard deviation
S.E.	standard error (or South East)
sec.	second(s)
Sect.	Section
Serol. (serol.)	Serology (Serological)
Soc.	Society
sol.	solution
sp., spp.	species (singular and plural)
sp.gr.	specific gravity
sp.nov.	new species
sq.	square
Sta.	State
Stn	Station
str.	strain
summ.	summary (summaries)
Surg. (surg.)	Surgery (Surgical)
Syph. (syph.)	Syphilology (Syphilological)
Tech.(tech.)	Technology (Technical)
temp.	temperature
Trop.(trop.)	Tropic(s) (Tropical)
Univ.	University
UV	ultra-violet
v	volume (as in $^{w}/_{v}$), see **vol.**
var.	variety
Vet.	Veterinary
vol.	volume(s), see **v**
viz.	namely
W.	west
w	weight (as in $^{w}/_{v}$)
wt.	weight
yd.	yard(s)
yr.	year(s)
Zool.(zool.)	Zoology (Zoological)
μ	micron (10^{-6}m.)
μg.	microgram
:	ratio (e.g. 1:10); in references precedes page numbers
/	per (as in g./l.); in (for dilutions, e.g. 1/10)
>	more than
<	less than

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In addition, the international symbols for the commoner chemical elements and a number of simple chemical formulae are used.

Transliteration of Cyrillic characters according to British Standard 2979:1958.*

Russian

A, a	А, а	B, b	Б, б	Ch, ch	Ч, ч	D, d	Д, д
E, e	Е, е	Ë, ë	Ё, ё	É, é	Э, э	F, f	Ф, ф
G, g	Г, г	I, i	И, и	Ĭ, ĭ	Й, й	K, k	К, к
Kh, kh	Х, х	L, l	Л, л	M, m	М, м	N, n	Н, н
O, o	О, о	P, p	П, п	R, r	Р, р	S, s	С, с
Sh, sh	Ш, ш	Shch, shch	Щ, щ	T, t	Т, т	Ts, ts	Ц, ц
U, u	У, у	V, v	В, в	Y, ȳ	Ы, ы	Ya, ya	Я, я
Yu, yu	Ю, ю	Z, z	З, з	Zh, zh	Ж, ж	' "	ь, ъ

Additional for Ukrainian

H, h	Г, г	I, i	І, і	Ȳ, ȳ	И, и	Ye, ye	Є, є	Yi, yi	Ї, ї

Additional for Bulgarian

Sht, sht	Щ, щ	Ŭ, ŭ	Ъ, ъ

* *British Standard for transliteration of Cyrillic and Greek characters*, 23 pp., London (British Standards Institution), 1958. 12s. 6d.

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